



TRANSPERFECT
TRANSLATIONS

AFFIDAVIT OF ACCURACY

I, Michelle Ganswindt, hereby certify that the following is, to the best of my knowledge and belief, a true and accurate translation of the following document [Reference Q63719] from Japanese into English.

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3rd of November, 2005

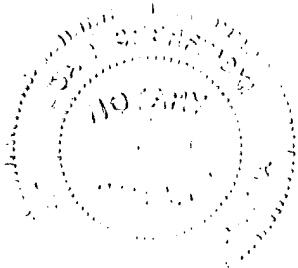
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(DOCUMENT TITLE) Specification

(TITLE OF THE INVENTION) Product ordering system and product ordering method

(SCOPE OF PATENT CLAIMS)

(CLAIM 1) A product ordering system provided with a communication circuit, a salesperson terminal connected mutually to said communication circuit, a store order system, and a supplier order system, characterized in that

said salesperson terminal includes a means to display various product information and a transmission means to send product order information to said supplier order system in response to a salesperson instruction,

said supplier order system includes a means to generate order identification information to identify said order information in response to receipt of said order information, a means to enter said order identification information and said order information, and a transmission means to send said order identification information and said order information to said store order system, and

said store order system includes a means to enter said order identification information and said order information in response to receipt of said order identification information and said order information.

(CLAIM 2) A product ordering system mentioned in Claim 1 characterized in that in addition to said order information, said transmission means of said salesperson terminal sends an entry address to said supplier order system for entry in said store order system, and

said transmission means of said supplier order system sends said order identification information and said order information to said store order system at said address that is received.

(CLAIM 3) A product ordering system mentioned in Claim 2 characterized in that in addition to said order identification information and said order information, said transmission means of said supplier order system sends an entry results address to said store order system so said supplier order system can receive order entry processing results, and

said store order system includes a means to send order entry processing results to said supplier order system at said entry results address that is received.

(CLAIM 4) A product ordering method characterized in that it comprises a step for displaying various product information on a salesperson terminal,

a step for sending product order information from said salesperson terminal to a supplier order system in response to a salesperson instruction,

a step for said supplier order system to generate order identification information for identification of said order information in response to receipt of said order information,

a step for said supplier order system to enter said order identification information and said order information,

a step for said supplier order system to send said order identification information and said order information to a store order system, and

a step for said store order system to enter said order identification information and said order information in response to receipt of said order identification information and said order information.

(CLAIM 5) A product ordering method mentioned in Claim 4 characterized in that in addition to said order information, an entry address for entry to said store order system is sent to said supplier order system in the step in which said order information is sent from said salesperson terminal to said supplier order system, and

said order identification information and said order information is sent to said store order system at said entry address that is received in the step in which said supplier order system sends said order identification information and said order information to a store order system.

(CLAIM 6) A product ordering method mentioned in Claim 5 characterized in that in addition to said order identification information and said order information, said supplier order system sends an entry results address to said store order system so order entry processing results can be received, and in that

it includes a further step for said store order system to send order entry processing results to said supplier ordering system at said entry results receiving address that is received.

(CLAIM 7) An information processing device characterized in that it comprises a first means for receiving order information sent by a salesperson using the salesperson's own terminal,

a second means for generating order identification information using said order information,

a third means for entering said order information and said order identification information,

a fourth means for sending said order information and said order identification information to a store order system,

a fifth means for receiving order entry processing results, which are results of said store order system entering said order information and said order identification information in the store order system,

a sixth means for generating order entry results screen information for displaying on said terminal of said salesperson using said order entry processing results and said entry results of the third means, and

a seventh means for sending said order entry results screen information to said terminal of said salesperson.

(CLAIM 8) An information processing device characterized in that it comprises a first means for receiving order information and an address for a store order system sent by a salesperson using the salesperson's own terminal,

a second means for generating order identification information using said order information,

a third means for entering said order information and said order identification information,

a fourth means for sending said order information and said order identification information to said address,

a fifth means for receiving order entry processing results, which are results of said store order system entering said order information and said order identification information in the store order system,

a sixth means for generating order entry results screen information for displaying on said terminal of said salesperson using said order entry processing results and said entry results of the third means, and

a seventh means for sending said order entry results screen information to said terminal of said salesperson.

(DETAILED DESCRIPTION OF THE INVENTION)

(0001)

(TECHNICAL FIELD OF THE INVENTION)

The present invention relates to a product ordering system and a product ordering method, and in particular, relates to a product ordering system and a product ordering method for salespeople to order products through a network such as the Internet.

(0002)

(PRIOR ART)

With conventional product ordering methods where a salesperson at a shop or the like uses a network such as the Internet to place a product order for an order received from a customer with a supplier company, the salesperson at the store carries out an operation to enter the order on the ordering system of the supplier company through a network and an operation to enter the order

on the ordering system of the store. This is in order to centrally manage the order information with the ordering system of the store.

(0003)

Referring to Figure 6, such a conventional product ordering system is constructed from a salesperson terminal 110, a supplier terminal 120 located at the supplier company, a store server 130 located at the store, and a network 200 for mutually connecting these components. The salesperson uses the salesperson terminal 110 to access the supplier terminal 120 through the network 200, confirm the product to be ordered, and order on the screen of the terminal 110. Next, the salesperson uses the salesperson terminal 110 to enter the order details into the store's (its own) store server 130 on the network 200 for order management.

(0004)

(PROBLEM TO BE SOLVED BY THE INVENTION)

With the conventional product ordering system described above, however, there were problems such as that the store salesperson has to carry out order entry operations on two systems, the supplier company order terminal and the store's store server.

(0005)

It is an object of the present invention to provide a product ordering system and product ordering method such that a salesperson can enter an order in two ordering systems at the same time with one operation.

(0006)

(MEANS FOR SOLVING THE PROBLEM)

The product ordering system of the present invention for solving the above-mentioned problem is provided with a communication circuit, a salesperson terminal connected mutually to said communication circuit, a store order system, and a supplier order system, and characterized in that said salesperson terminal includes a means to display various product information and a transmission means to send product order information to said supplier order system in response to a salesperson instruction, said supplier order system includes a means to generate order identification information to identify said order information in response to receipt of said order information, a means to enter said order identification information and said order information, and a transmission means to send said order identification information and said order information to said store order system, and said store order system includes a means to enter said

order identification information and said order information in response to receipt of said order identification information and said order information.

(0007)

Another product ordering system of the present invention is characterized in that in addition to said order information, said transmission means of said salesperson terminal sends an entry address to said supplier order system for entry in said store order system, and said transmission means of said supplier order system sends said order identification information and said order information to said store order system at said address that is received.

(0008)

Yet another product ordering system of the present invention is characterized in that in addition to said order identification information and said order information, said transmission means of said supplier order system sends an entry results address to said store order system so said supplier order system can receive order entry processing results, and said store order system includes a means to send order entry processing results to said supplier order system at said entry results address that is received.

(0009)

A product ordering method of the present invention is characterized in that it comprises a step for displaying various product information on a salesperson terminal, a step for sending product order information from said salesperson terminal to a supplier order system in response to a salesperson instruction, a step for said supplier order system to generate order identification information for identification of said order information in response to receipt of said order information, a step for said supplier order system to enter said order identification information and said order information, a step for said supplier order system to send said order identification information and said order information to a store order system, and a step for said store order system to enter said order identification information and said order information in response to receipt of said order identification information and said order information.

(0010)

Another product ordering method of the present invention is characterized in that in addition to said order information, an entry address for entry to said store order system is sent to said supplier order system in the step in which said order information is sent from said salesperson

terminal to said supplier order system, and said order identification information and said order information is sent to said store order system at said entry address that is received in the step in which said supplier order system sends said order identification information and said order information to a store order system.

(0011)

Yet another product ordering method of the present invention is characterized in that in addition to said order identification information and said order information, said supplier order system sends an entry results address to said store order system so order entry processing results can be received, and in that it includes a further step for said store order system to send order entry processing results to said supplier ordering system at said entry results receiving address that is received.

(0012)

An information processing device of the present invention is characterized in that it comprises a first means for receiving order information sent by a salesperson using the salesperson's own terminal, a second means for generating order identification information using said order information, a third means for entering said order information and said order identification information, a fourth means for sending said order information and said order identification information to a store order system, a fifth means for receiving order entry processing results, which are results of said store order system entering said order information and said order identification information in the store order system, a sixth means for generating order entry results screen information for displaying on said terminal of said salesperson using said order entry processing results and said entry results of the third means, and a seventh means for sending said order entry results screen information to said terminal of said salesperson.

(0013)

An information processing device of the present invention characterized in that it comprises a first means for receiving order information and an address for a store order system sent by a salesperson using the salesperson's own terminal, a second means for generating order identification information using said order information, a third means for entering said order information and said order identification information, a fourth means for sending said order

information and said order identification information to said address, a fifth means for receiving order entry processing results, which are results of said store order system entering said order information and said order identification information in the store order system, a sixth means for generating order entry results screen information for displaying on said terminal of said salesperson using said order entry processing results and said entry results of the third means, and a seventh means for sending said order entry results screen information to said terminal of said salesperson.

(0014)

(EMBODIMENTS OF THE INVENTION)

Embodiments of the product ordering system and product ordering method of the present invention are next described in detail with reference to the drawings.

(0015)

Referring to Figure 1, a first embodiment of the product ordering system of the present invention is constructed from a salesperson terminal 10, a supplier terminal 20, a store server 30, and a communications network 100 such as the Internet for mutually connecting these components.

(0016)

The salesperson terminal 10 is an information processing device such as a personal computer. The salesperson terminal 10 is provided with a function to access product information provided on the network 100 by the supplier terminal 20, and to display the product information on a screen. The product information is related to the product such as personal computer, a PC server, or software, for example, and includes the name, model, product number, price and other information for the product. The salesperson terminal 10 has a function for sending order information, which is product information for the product that the salesperson desires to order to the supplier terminal 20 through the network 100 in response to a customer order.

(0017)

The supplier terminal 20 is used by a company that is the supplier of the product, and is constructed by a server or some other information processing device. The supplier terminal 20 has a function to receive order information sent by the salesperson terminal 10 in response to a salesperson operation, to generate and append order identification information to the order information, and to enter such information.

(0018)

The supplier terminal 20 also has a function to send order information, order identification

information, and order entry processing results to the salesperson terminal 10 and the store server 30 through the network 100.

(0019)

The store server 30 is used by the product store and is constructed from a server or other information processing device. The store server 30 has a function to receive order information and order identification information sent by the supplier terminal 20 and enter that information. The store server 30 has another function to send order entry processing results to the salesperson terminal 10 and the supplier terminal 20 through the network 100.

(0020)

The operation of the present invention is described next. In the below description, the network 100 is the Internet.

(0021)

Referring to Figure 2, a salesperson uses the salesperson's own salesperson terminal 10 to access a product order webpage provided on the supplier terminal 20 by the supplier company on the Internet 100 (step A1). In response, the supplier terminal 20 sends product information to the salesperson terminal 10 (step A2).

(0022)

Various product information is displayed on the screen of the salesperson terminal 10 as shown in Figure 3 (step A3). The salesperson looks at the various product information displayed on the screen of the salesperson terminal 10, confirms the product to be ordered, and enters the order for that product on the screen (step A4). In the example of Figure 3, when the order section on a personal computer B is clicked by the salesperson with a mouse, a checkmark is placed there, and the order is entered. The product information of the product ordered by the salesperson who makes the entry is thus temporarily accumulated on the salesperson terminal 10 as order information.

(0023)

Next, when the salesperson clicks the "Order" button on the screen of Figure 3 with a mouse, the salesperson terminal 10 sends the order information to the supplier terminal 20 through the Internet 100 (step A5).

(0024)

When the supplier terminal 20 receives the order information (step A6), it generates order identification information for identifying the order (step A7). The supplier terminal 20 stores the generated order identification information and the order information in an order database, entering the order (step A8). The supplier terminal 20 sends the order identification information and order information to the store server 30 through the Internet 100 (step A9).

(0025)

When the store server 30 receives the order identification information and the order information (step A10), it stores it in an order database, entering the order (step A11). The store server 30 sends the order entry processing results to the supplier terminal 20 through the Internet 100 (step A12).

(0026)

When the supplier terminal 20 receives the order entry processing results from the store server 30 (step A13), it stores the results in an order database (step A14). The supplier terminal 20 generates order entry results screen information to confirm the order entry processing results of the store server 30 and its own order entry processing results (step A15), and sends the information to the salesperson terminal 10 through the Internet 100 (step A16).

(0027)

After receiving the order entry results screen information (step A17), the salesperson terminal 10 displays the information on the screen (step A18). The salesperson uses the salesperson's own salesperson terminal to confirm that the order was entered to the supplier terminal 20 and the store server 30.

(0028)

As described above, the present embodiment has the effect that the salesperson can enter an order to a plurality of order systems at the same time with one operation.

(0029)

Next, a second embodiment of the present invention is described in detail with reference to the drawings. The second embodiment of the present invention differs from the first embodiment in that when the salesperson uses the salesperson terminal 10 to send product order information to the supplier terminal 20, an entry address (URL) for the store server 30 is sent at the same time.

(0030)

Accordingly, a transmission means for the salesperson terminal 10 sends an entry address for entry to the store server 30 in addition to the order information to the supplier terminal 20.

(0031)

The transmission means for the supplier terminal 20 sends order identification information and order information to the store server 30 at the received entry address.

(0032)

Next, the operation of the present embodiment is described.

(0033)

Referring to Figure 4, the operation up to when the salesperson uses the salesperson terminal 10 to enter the product to be ordered on the screen (steps B1 through B4) is the same as the operation in the first embodiment (steps A1 through A4).

(0034)

The salesperson terminal 10 sends the order information and the entry address of the store server 30 to the supplier terminal 20 through the Internet 100 (step B5).

(0035)

The supplier terminal 20 receives the order information and the entry address of the store server 30 (step B6). Subsequently, the operations up through the supplier terminal 20 entering the order (steps B7 and B8) are the same as the operations in the first embodiment (steps A7 and A8). Through the Internet 100, the supplier terminal 20 sends the order identification information and the order information to the store server 30 at the entry address received in step B6 (step B9).

(0036)

The subsequent operations (steps B10 through B18) are the same as the operations in the first embodiment (steps A10 through A18).

(0037)

As described above, in the present embodiment, order information is sent to the order system at the entry address specified by the salesperson, so the same effect as in the first embodiment is obtained for a set of an unspecified number of salespeople and ordering systems.

(0038)

Next, a third embodiment of the present invention is described with reference to the drawings. The third embodiment of the present invention differs from the second embodiment in that the entry results address (URL) of the supplier terminal 20 are sent at the same time the product order identification information and order information are sent to the store server 30 by the supplier terminal 20.

(0039)

Accordingly, a transmission means of the supplier terminal 20 sends the entry results address for the supplier terminal 20 to receive the order entry processing results in addition to the order identification information and the order information to the store server 30.

(0040)

The store server 30 includes a means to send order entry processing results to the supplier terminal 20 at the received entry results address.

(0041)

Next, the operation of the embodiment is described.

(0042)

Referring to Figure 5, the operations for the supplier terminal 20 are the same through the order entry (steps C1 through C8) as in the second embodiment. Through the Internet 100, the supplier terminal 20 sends the order identification information, order information, and entry results address to the store sever 30 at the entry address received in step B6 (step C9).

(0043)

When the store server 30 receives the order identification information, the order information, and the entry results address (step C10), it stores the information and address in an order database, entering the order (step C11). Through the Internet 100, the store server 30 sends the order entry processing results to the entry results address of the supplier terminal 20 received in step C10 (step C12).

(0044)

The subsequent operations (steps C13 through C18) are the same as the operations in the second embodiment (steps A13 through A18).

(0045)

As described above, in the present embodiment, an address for receiving the order entry processing results of one ordering system is sent to the other ordering system, so the same effect as the first embodiment is obtained for a set of an unspecified number of ordering systems.

(0046)

(EFFECT OF THE INVENTION)

As described above, the present invention has the effect that a salesperson can enter an order to a plurality of order systems at the same time with one operation. The reason for that is that the invention was devised so that when an order is entered to one ordering system, entry processing starts up in a separate ordering system linked to the first.

The present invention also has the effect that a salesperson can enter an order at the same time to arbitrary order systems with one operation. The reason for that is that an address is sent for each order system function, and the information required for each address is sent.

(BRIEF DESCRIPTION OF THE DRAWINGS)

(FIGURE 1)

A block view showing an embodiment of the present invention.

(FIGURE 2)

A view showing the operation of a first embodiment of the present invention.

(FIGURE 3)

A view showing an example of a screen display on a salesperson terminal of the present invention.

(FIGURE 4)

A view showing an operation of the second embodiment of the present invention.

(FIGURE 5)

A view showing an operation of the third embodiment of the present invention.

(FIGURE 6)

A block view showing a conventional product ordering system.

(EXPLANATION OF REFERENCES)

10 salesperson terminal

20 supplier terminal

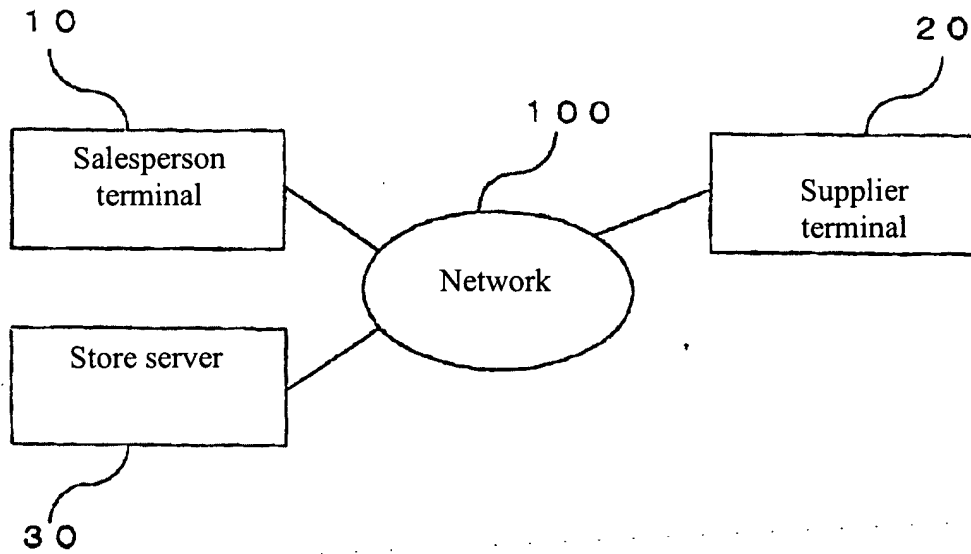
30 store server

100 network

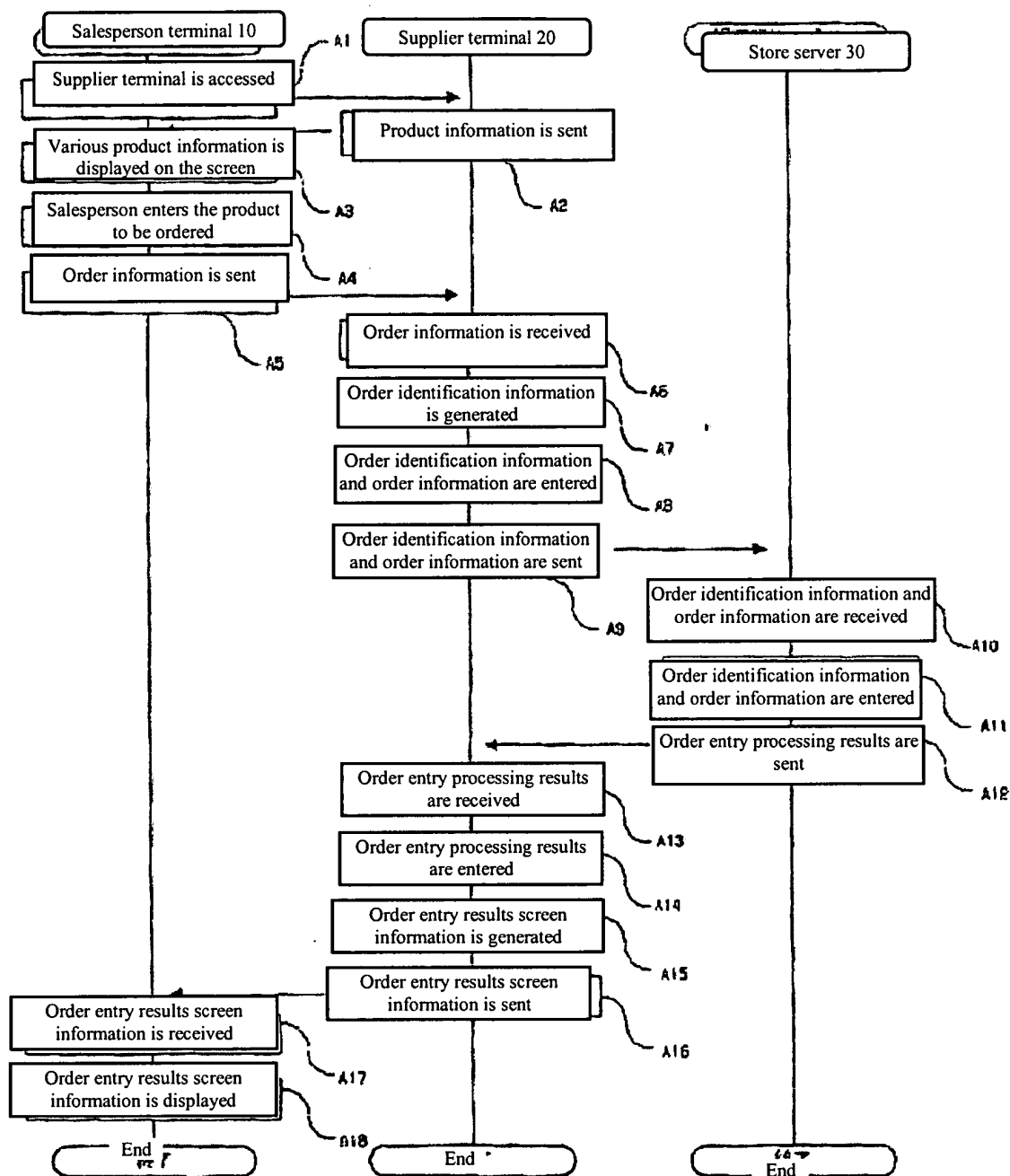
(DOCUMENT TITLE) Figures

(FIGURE

1)



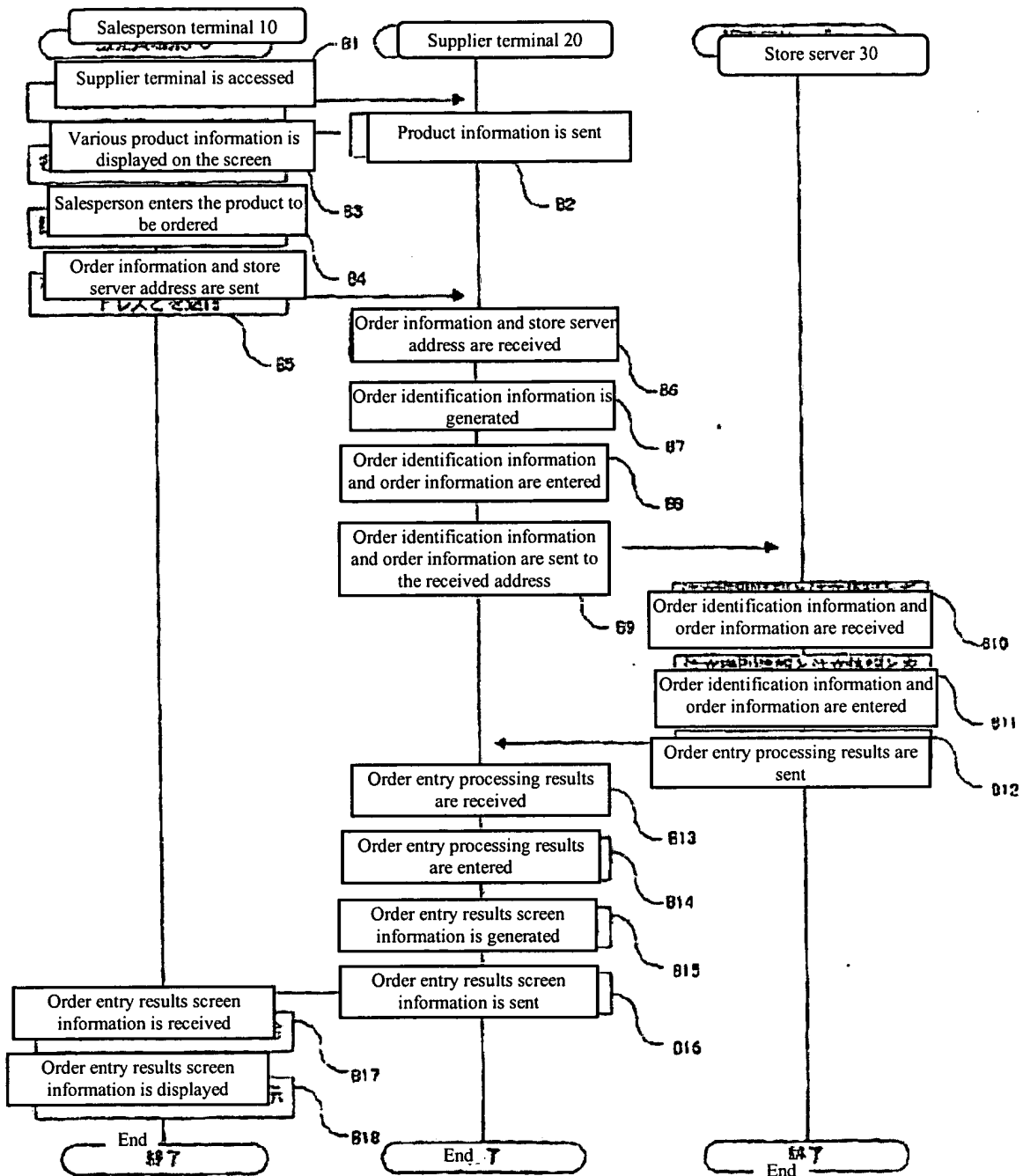
(FIGURE 2)



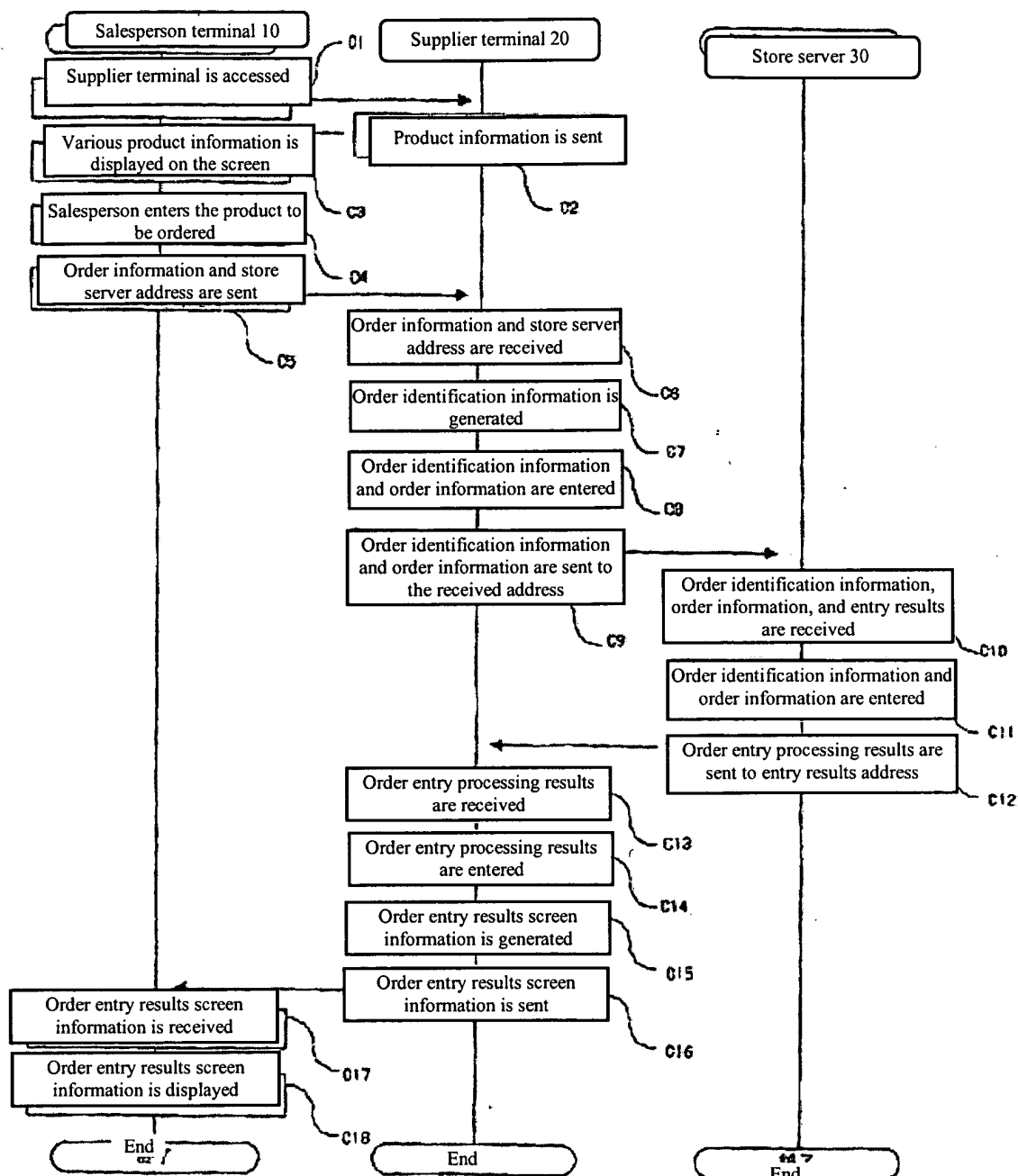
(FIGURE 3)

<div>Order</div>			
Product number	Name	Price	Selection
XXXXXX	Personal computer A	¥250,000	<input type="checkbox"/>
YYYYYY	Personal computer B	¥300,000	<input checked="" type="checkbox"/>
ZZZZZ	PC server C	¥900,000	<input type="checkbox"/>
.....			

(FIGURE 4)



(FIGURE 5)



(FIGURE 6)

